Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2003 069703 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE ___ OR SMALL ENTITY **TOTAL CLAIMS** RATE FEE RATE FEE FOR NUMBER FILED NUMBER EXTRA BASIC FEE 385.00 BASIC FEE 770.00 OR TOTAL CHARGEABLE CLAIMS minus 20= X\$ 9= X\$1.8= OR INDEPENDENT CLAIMS minus 3 = X43= X86= OR **MULTIPLE DEPENDENT CLAIM PRESENT** +145= +290= OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL **CLAIMS AS AMENDED - PART II** OTHER THAN (Column 1) (Column 2) (Column 3) SMALL ENTITY SMALL ENTITY OR CLAIMS HIGHEST AMENDMENT A REMAINING ADDI-NUMBER PRESENT ADDI-**AFTER PREVIOUSLY** RATE TIONAL **EXTRA** RATE TIONAL **AMENDMENT** PAID FOR FEE FEE Total Minus 33 X\$ 9= X\$18= OR Independent Minus X43= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X86= OR +145= +290= ÓR TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING NUMBER ADDI-AMENDMENT PRESENT ADDI-AFTER **PREVIOUSLY** RATE **EXTRA** TIONAL RATE TIONAL AMENDMENT PAID FOR FEE FEE **Total** Minus X\$ 9= X\$18= OR Independent Minus *** = FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X43= X86= OR +145= +290= OR TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING ADDI-NUMBER PRESENT ADDI-AFTER **PREVIOUSLY** RATE **EXTRA** TIONAL RATE TIONAL AMENDMENT PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X43= X86= OR +145= +290= OR • If the entry in column 1 is less than the entry in column 2, write "0" in column 3. * If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." TOTAL ***If the "Highest Number Previously Pald For" IN THIS SPACE is less than 3, enter "3.". OR ADDIT. FEE

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2003 069703 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE ___ OR SMALL ENTITY **TOTAL CLAIMS** RATE FEE RATE FEE FOR NUMBER FILED NUMBER EXTRA BASIC FEE 385.00 BASIC FEE OR 770.00 TOTAL CHARGEABLE CLAIMS minus 20= X\$ 9= X\$18= OR INDEPENDENT CLAIMS minus 3 = X43= X86= MULTIPLE DEPENDENT CLAIM PRESENT OR +145= +290= OR If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR CLAIMS AS AMENDED - PART II OTHER THAN (Column 1) (Column 2). SMALL ENTITY (Column 3) SMALL ENTITY OR CLAIMS HIGHEST MENDMENT A REMAINING ADDI-NUMBER PRESENT ADDI-**AFTER** PREVIOUSLY RATE TIONAL **EXTRA** RATE TIONAL **AMENDMENT** PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus X43 =FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM 43 X86= OR +145= +290= OR TOTAL. TOTAL 43 ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING NUMBER ADDI-AMENDMENT PRESENT ADDI-**AFTER PREVIOUSLY** RATE **EXTRA** TIONAL RATE TIONAL AMENDMENT PAID FOR FEE FEE Total Minus 33 X\$ 9= X\$18= OR Independent Minus *** FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X43 = ...X86= OR +145= +290= OR TOTAL ADDIT. FEE ADDIT, FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING NUMBER ADDI-PRESENT ADDI-AFTER **PREVIOUSLY EXTRA** RATE TIONAL AMENDMENT RATE TIONAL PAID FOR FEE FEE Total 7 Minus X\$ 9= X\$18= Independent OR Minus FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X43= X86= OR +145= +290= If the entry in column 1 is less than the entry in column 2, write "0" in column 3. OR * If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." TOTAL "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." ADDIT. FEE The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2002

Application or Docket Number

Linective October 1, 2003										ŀ	9/069703				
CLAIMS AS FILED - PART I									CREAT		/				
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				-	·				RAT	Έ	FEE		RAT	_	FEE
<u> </u>	OR		·		BER FILED	NUI	MBER EXTRA	1	BASIC	FEE	385.0	0 0	BASIC	FEE	770.0
7	OTAL CHAR	BEAL	BLE CLAIMS	3	minus 20=	•		1	X\$ 9	=			R X\$1.8	,	
IN	IDEPENDENT	CCL	Aims		minus 3 =			1	X43:			- °	``		
M	ULTIPLE DEF	EN(DENT CLAIM	PRESENT		<u> </u>	· [7]		A43:	-			X86:		
• 1	f the differen	ce i	n column 1	is less than	zero, enter	"0" in	column 2	J	+145			01	+290	=	·
* If the difference in column 1 is I CLAIMS AS A (Column 1)					MENDED - PART II (Column 2) (Column 3)				TOTA	L		OR	ATOTA	L	
									SMAL	LFŃ	TITY	OR		OTHER THAN SMALL ENTITY	
₹			CLAIMS REMAINING		HIGHE	EST	PRESENT	lΓ		_	DDI-	7.	SWAL		ADDI-
A INCHIGATION		\perp	AFTER AMENDMENT		PREVIO PAID F	USLY	EXTRA		RATE	TI	ONAL FEE		RATE		TIONAL FEE
	Total	*	20	Minus	** 3	3	= -		X\$ 9=	1		OR	X\$18=	1	<u> </u>
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	FIRST PRES	DEIV	ATION OF N	ULTIPLE D	EPENDENT	CLAIM		-	·	+-		OR	X00-	╁	
		•	1 /					L	+145= TOTA			OR	+290=		
	7/29/02	4	(Column 1)		(0-1			ΑŒ	DOIT. FEE			OR	TOTA ADDIT. FE	ĔĹ	
1			CLAIMS REMAINING		(Columi HIGHE	ST	(Column 3)	_		T		1 1			-
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Г	8/25/83	<u> </u>	CLAIMS		(Column		(Column 3)				•				
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FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X43=									43=			Ŕ	X86=		7
l tt	10 entry in colu	nn 1	is loss than the					+1	45=		0	R	+290=		一
If the entry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." The "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." ADDIT. FEE OR +290= TOTAL ADDIT. FEE OR ADDIT. FEE															
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PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 1997

Application or Docket Number

³⁹/069703

CLAIMS AS FILED - PART I (Column 1) (Column 2)								SMALL ENTITY TYPE Z			THAN ENTITY
FOR		NUMBE	R FILED	NUMBER	NUMBER EXTRA			FEE	ſ	RATE	FEE
BASIC	FEE							395.00	OR		790.00
TOTA	L CLAIMS	3	33 minus 20 = • /3					143	OR	x\$22=	
INDE	PENDENT CLA	IMS /						23	OR	x82=	
MULT	IPLE DEPEND		+135=		OR	+270=					
* U th	a differençe in col	•	TOTAL	661	OR	TOTAL					
	,	CLAIMS AS	_			OTHER	RTHAN				
9/	25/00	(Column 1)		(Column 2)	(Column 3)		SMALL ENTITY		OR	SMALL	
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MON	Total	• 19	Minus -	" <i>33</i>	=		x\$11=		OR	x\$22=	
ME	Independent	. 2	Minus	··· 6	=		x41=)	OR	x82=	
<u> </u>	FIRST PRES		+135=		OR	+270=					
4/	11/01	, A	TOTAL ADDIT, FEE	_	OR ,	TOTAL ADDIT. FEE					
8.		CLAIMS REMAINING - AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	. 19	Minus	" 33	= -		x\$11=	-	OR	x\$22=	,
ME	Independent	. 2	Minus	6	=		x41=		OR	x82=	
V	FIRST PRE		+135=		OR	+270=					
1/	11/01	TOTAL ADDIT, FEE		OR	TOTAL ADDIT. FEE						
ENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MOI	Total	• 20	Minus	<i>" 33</i>	= -		x\$11=	ĺ	OR	x\$22=	
AMENDMENT	Independent	• 3	Minus	6	= -		x41=		OR	x82=	
A	FIRST PRE		+135=		OR	+270=					
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20.* *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3.* *** The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.											